

Scoop

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Decoding IEC 63372: The Tech Industry's New Blueprint for Carbon Transparency



In the race to net-zero, managing your carbon footprint is no longer just a corporate social responsibility initiative; it has evolved into a strict market requirement spanning from high-profile brand headers down to deep-tier suppliers.

As global standards tighten, companies must now prove their claims, making rigorous data verification the ultimate corporate shield. Without third-party verification, carbon reporting invites severe greenwashing accusations, legal penalties, and lost investor confidence. Conversely, verified data unlocks market access, builds authentic brand equity, and future-proofs businesses against impending carbon border taxes.

To navigate this complex landscape, forward-thinking tech manufacturers are turning to definitive global benchmarks. Enter the newly established [IEC 63372](#) standard, which provides a dedicated framework for assessing the carbon footprint of electrical and electronic products and systems (EEPS).

Which include:

- **Rigorous Carbon Footprint (CFP) Quantification:** Mandates uniform calculation methods optimized for electronic supply chains. This includes defining clear system boundaries and functional units, enforcing strict data quality requirements, and applying precise allocation rules for multi-product manufacturing processes
- **Quantifiable GHG Emission Reductions:** Provides explicit, standardized requirements and calculation methodologies to measure actual greenhouse gas emission decreases achieved within the product's value chain.
- **The Blueprint for "Avoided Emissions":** Establishes the international methodology to calculate and communicate *avoided emissions*—the quantifiable GHG reductions that occur outside the organization's boundaries as a direct consequence of its improve products and technologies compared to a conventional baseline scenario.

As a global leader in inspection and certification, SGS is an officially approved verifier under the IECQ system for IEC 63372, giving businesses a distinct competitive edge.

How SGS Helps You Lead:

- **Enhanced Credibility:** SGS's independent verification transforms raw carbon data into an officially registered, market-compliant asset, shielding your brand against risk of greenwashing and export barriers.
- **Global Compliance:** Achieving a third-party verification statement within the IEC 63372 ensures that your claimed product carbon footprint is recognized globally across the electronics sector.
- **Supply Chain Transparency:** Identify precise emission hotspots across your product lifecycles to drive real, cost-effective decarbonization. By auditing and verifying your product's GHG emission reductions and avoided emission claims, SGS can substantiate your efforts in advancing product sustainability initiatives and energy-efficient technologies.

Partnering with [SGS](#) ensures your carbon claims transition from marketing assertions into verified, market-compliant data.

FOR ENQUIRIES

HONG KONG

Electrical & Electronics Technology
Customer Service Team

t +852 2765 3617

f +852 2766 3778

e HK.EC.CSteam@sgs.com

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